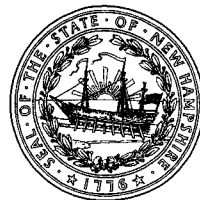




The State of New Hampshire  
**Department of Environmental Services**



Michael P. Nolin  
Commissioner

December 2, 2005

**LETTER OF DEFICIENCY# WSEB 05-181**  
Certified Mail # 7099 3400 0003 0691 2670

Paul Skowron  
Town of Wolfeboro  
PO Box 629  
Wolfeboro, NH 03894

Subject: Wolfeboro – Public Water System: Wolfeboro Water and Sewer (EPA# 2561010)

Dear Mr. Skowron:

The records of the NH Department of Environmental Services (DES) show that the Wolfeboro water system is classified as a public water system (PWS), as defined by RSA 485:1-a. A PWS is defined as any water system supplying 15 or more services, or 25 or more people for 60 or more days per year. Wolfeboro distributes drinking water to which sodium hypochlorite has been added as a disinfectant to provide bacteriological protection to consumers. As a result, Wolfeboro is required to submit water samples for Total Trihalomethanes (TTHM) analysis to the State laboratory or a State-certified laboratory in compliance with NH Administrative Rule Env-Ws 382, *Disinfectant/Disinfection Byproducts Rule*.

Pursuant to Env-Ws 317.70, the maximum contaminant level (MCL) for TTHMs is 0.080 mg/L. Pursuant to Env-Ws 382.16, compliance with the MCL for TTHMs is determined by calculating the running annual average, computed quarterly, of quarterly averages of all samples collected. Wolfeboro's running annual average for TTHMs was 0.086 mg/L for the fourth quarter of 2004 and 0.081 mg/L for the third quarter of 2005. Thus the water system has incurred TTHM MCL violations for two quarters in less than a year. It is DES' understanding that Wolfeboro has retained Wright-Pierce to study the disinfection byproducts problem and other water system issues.

DES believes the MCL violations can be corrected and future violations prevented by taking the following actions:

1. **By January 15, 2006**, submit to DES a consultant's report, which shall contain the consultant's evaluation of feasible options, cost estimates, identification and justification of which option the owner has selected to implement, along with a timeline and final correction date to resolve the MCL violations. A maintenance schedule must be included if treatment is proposed. DES will approve the consultant's report, in writing, and specify the next submission deadline, if applicable. A consultant's report determined to lack comprehensiveness will not be approved; and
2. **By the DES submission date established in the above-mentioned approval letter**, submit to DES all engineering/technical documents for the design of the selected option. DES must review and approve, in writing, any engineering/technical documents prior to the

commencement of any work on the system. Note that engineering plans for systems serving more than 50 service connections or 20,000 gpd must be stamped by a professional engineer; and

3. **By the DES-approved correction date**, take the corrective action as approved by DES. Notify DES in writing upon completion of the action(s) taken.

In the event compliance is not achieved within this period. DES may initiate formal action against the Town, including issuing an order requiring the deficiencies to be corrected, initiating an administrative fine proceeding, and/or referring the matter to the NH Department of Justice for imposition of appropriate penalties.

**All information as requested above should be addressed as follows  
or faxed to (603) 271-5171:**

Robert Mann  
Department of Environmental Services  
Water Supply Engineering Bureau  
29 Hazen Drive, PO Box 95  
Concord, NH 03302-0095

Please be reminded that proposed treatment alternatives should take into consideration all water quality parameters as well as current and future quantity needs. In addition to your operator, assistance may be available to you through a variety of sources. DES staff member Robert Mann, P.E., may be able to answer questions concerning treatment for TTHMs. He may be reached at (603) 271-2953 or via email at [rmann@des.state.nh.us](mailto:rmann@des.state.nh.us). Health related questions may be directed to Dave Gordon of the DES Bureau of Environmental and Occupational Health whose number is (603) 271-4608. If you have any questions regarding this letter, please contact Alan Leach at (603) 271-2854 or by email at [aleach@des.state.nh.us](mailto:aleach@des.state.nh.us).

Sincerely,

**COPY**

Sarah Pillsbury, P.G., Administrator  
Water Supply Engineering Bureau

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cc: Gretchen R. Hamel, DES Legal Unit Administrator  
Scott Lees, Director of Water and Sewer Utilities  
Brian Carroll, Primary Operator  
EPA, Region 1

cc: Robert Mann, DES  
Dave Gordon, DES BEOH